



# GRADE 12

basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE/SENIOR SERTIFIKAAT  
NATIONAL SENIOR CERTIFICATE/  
NATIONALE SENIOR SERTIFIKAAT

GRADE 12/GRAAD 12

MATHEMATICS P1/WISKUNDE P1

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MARKING GUIDELINES/ANSIENRIGLYNE

MARKS/PUINTE: 150

These guidelines consist of 18 pages.  
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# MATHS

## PAPER 1 MEMO

Mathematics/P1

1  
50/150



### QUESTION 1

1.1 Solve for  $x$ :

1.1.1  $x^2 - 6x - 9$

1.1.2  $x^2 + 10x + 8 = 0$  (correct to TWO decimal places)

1.1.3  $(x - 3)(x + 2) < 0$

1.1.4  $\sqrt{x - 18} = x - 2$

1.2 Solve simultaneously for  $x$  and  $y$ :

$x + y = 3$  and  $2x^2 + 4xy - y = 15$

1.3 If  $n$  is the largest integer for which  $n^{20} < 5^{20}$ , determine the value of  $n$ .

# Mathematics Grade 12 Paper 1 Memorandum

**M Lipman**



**Mathematics Grade 12 Paper 1 Memorandum:**

## **Mathematics Grade 12 Paper 1 Memorandum** Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the energy of words has become more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such could be the essence of the book **Mathematics Grade 12 Paper 1 Memorandum**, a literary masterpiece that delves deep to the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book's key themes, examine its writing style, and analyze its overall effect on readers.

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